

(19) World Intellectual Property  
Organization  
International Bureau



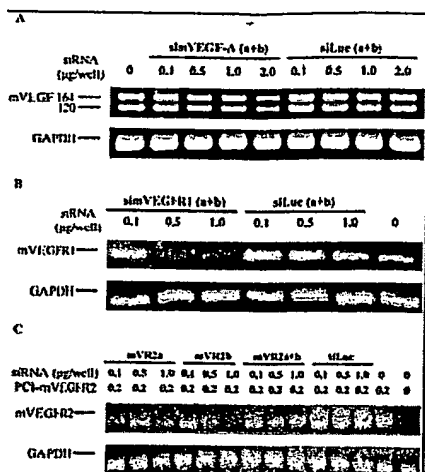
(43) International Publication Date  
25 August 2005 (25.08.2005)

PCT

(10) International Publication Number  
**WO 2005/076999 A2**

- (51) International Patent Classification: **Not classified**
- (21) International Application Number:  
PCT/US2005/003858
- (22) International Filing Date: 7 February 2005 (07.02.2005)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
60/541,776 5 February 2004 (05.02.2004) US
- (71) Applicant (for all designated States except US): IN-  
TRADIGM CORPORATION [US/US]; Suite K, 12115  
Parklawn Drive, Rockville, MD 20852 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): LI, Bao-Jian  
[CN/US]; c/o Intradigm Corporation, 12115 Parklawn  
Drive, Suite K, Rockville, MD 20852 (US). LU, Patrick,  
Y. [US/US]; 17093 Briardale Road, Rockville, MD 20855  
(US). WOODLE, Martin, C. [US/US]; 8205 Beech  
Tree Road, Bethesda, MD 20817 (US). XIE, Frank, Y.  
[CN/US]; 13921 Rockingham Road, Germantown, MD  
20874 (US).
- (74) Agents: BOOTH, Paul, M. et al.; Heller Ehrman LLP,  
1717 Rhode Island Avenue, N.W., Washington, DC 20036-  
3001 (US).
- (81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.
- (84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,  
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,  
GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:  
— without international search report and to be republished  
upon receipt of that report
- For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: METHODS AND COMPOSITIONS FOR COMBINATION RNAI THERAPEUTICS



(57) Abstract: Compositions and methods containing mixtures of siRNA molecules that target genes associated with disease are provided. The mixtures of siRNA molecules provide greater efficacy in reducing expression of disease-associated genes than individual siRNA molecules.